



Please type a plus sign (+) inside this box → ☐

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/039,019
	Filing Date	December 31, 2001
	First Named Inventor	Xiaowei Weng
	Group Art Unit	
	Examiner Name	
Total Number of Pages in This Submission	Attorney Docket Number	56.0622

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached	<input checked="" type="checkbox"/> Assignment Papers (for an Application) <input checked="" type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Petition to Revive Preliminary Amendment with Substitute Spec; Mark Up Spec Declaration/Power of Attorney
<input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input checked="" type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	Remarks Letter to Official Draftsman with 5 sheets of formal drawings Self-addressed Postcard	RECEIVED DEC 30 2002 OFFICE OF PETITIONS

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Stephen Schlather
Signature	
Date	December 19, 2002

CERTIFICATE OF MAILING			
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: December 19, 2002			
Typed or printed name	Yvonne Loftin		
Signature		Date	December 19, 2002

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



PTO/SB/17 (11-00)
Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$) 1450.00

Complete if Known

Application Number	10/039,019
Filing Date	December 31, 2001
First Named Inventor	Xiaowei Weng
Examiner Name	
Group Art Unit	
Attorney Docket No.	56.0622

METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:
- Deposit Account Number: 04-1579(56.0xxx)
- Deposit Account Name: Schlumberger Technology Corporation
- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
- ☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☐ Payment Enclosed:
- ☐ Check ☐ Credit card ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101 710	201 355	Utility filing fee	
106 320	206 160	Design filing fee	
107 490	207 245	Plant filing fee	
108 710	208 355	Reissue filing fee	
114 150	214 75	Provisional filing fee	

SUBTOTAL (1) (\$)

2. EXTRA CLAIM FEES

Total Claims: -20** = 0 X =

Independent Claims: -3** = 0 X =

Multiple Dependent: =

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
103 18	203 9	Claims in excess of 20
102 80	202 40	Independent claims in excess of 3
104 270	204 135	Multiple dependent claim, if not paid
109 80	209 40	** Reissue independent claims over original patent
110 18	210 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath	130.00
127 50	227 25	Surcharge - late provisional filing fee or cover sheet	
139 130	139 130	Non-English specification	
147 2,520	147 2,520	For filing a request for <i>ex parte</i> reexamination	
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
115 110	215 55	Extension for reply within first month	
116 390	216 195	Extension for reply within second month	
117 890	217 445	Extension for reply within third month	
118 1,390	218 695	Extension for reply within fourth month	
128 1,890	228 945	Extension for reply within fifth month	
119 310	219 155	Notice of Appeal	
120 310	220 155	Filing a brief in support of an appeal	
121 270	221 135	Request for oral hearing	
138 1,510	138 1,510	Petition to institute a public use proceeding	
140 110	240 55	Petition to revive - unavoidable	
141 1,240	241 620	Petition to revive - unintentional	1280.00
142 1,240	242 620	Utility issue fee (or reissue)	
143 440	243 220	Design issue fee	
144 600	244 300	Plant issue fee	
122 130	122 130	Petitions to the Commissioner	
123 50	123 50	Processing fee under 37 CFR 1.17(q)	
126 180	126 180	Submission of Information Disclosure Stmt	
581 40	581 40	Recording each patent assignment per property (times number of properties)	40.00
146 710	246 355	Filing a submission after final rejection (37 CFR § 1.129(a))	
149 710	249 355	For each additional invention to be examined (37 CFR § 1.129(b))	
179 710	279 355	Request for Continued Examination (RCE)	
169 900	169 900	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$ 1450.00

SUBMITTED BY

Name (Print/Type)	Stephen Schlather	Registration No. (Attorney/Agent)	45,081	Telephone	281-285-4524
Signature		Date	19 Dec 02		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



PATENTS
ATTORNEY DOCKET NO. 56.0622

I hereby certify that this correspondence
is being deposited with the United States
Postal Service as first class mail in an
envelope addressed to: Assistant Commissioner
for Patents, Washington, D.C. 20231,

on Dec. 19, 2002

Yvonne Loftin
(name of person making deposit)

[Signature]
(signature)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Xiaowei Weng et al.	§	DOCKET NO.: 56.0622
	§	
SERIAL NO.: 10/039,019	§	GROUP ART UNIT:
	§	
FILED: December 31, 2001	§	
	§	
TITLE: Methods and Apparatus for Placement of Multiple Fractures in Open Hole Wells	§	EXAMINER:

**REPLY TO NOTICE TO FILE MISSING PARTS
OF APPLICATION, FILING DATE GRANTED**

RECEIVED
DEC 30 2002

Assistant Commissioner for Patents
Attn: Box Missing Parts
Washington, D.C. 20231

OFFICE OF PETITIONS

Sir:

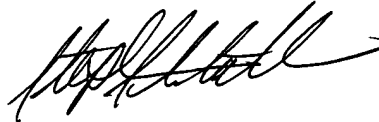
In response to the "Notice to File Missing Parts of Application - *Filing Date Granted*" and in accordance with Section 1.63 of 37 CFR, enclosed are:

- (1) Part 2 - Notice to File Missing Parts of Nonprovisional Application *Filing Date Granted* - copy to be returned with response.
- (2) Declaration and Power of Attorney by the above-named inventors.
- (3) Assignment executed by the Inventors and a recordation form and envelope for delivery to the Assignment Branch.
- (4) Petition for Revival of an Application for Patent Abandoned Unintentionally

The Assistant Commissioner for Patents is hereby authorized to charge any required fees (or credit any overpayment) to our Deposit Account No. 04-1579(56.0622).

For convenience, a copy of this paper is being filed herewith for charges made to the
Deposit Account.

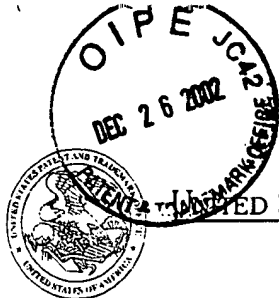
Respectfully submitted,



Stephen Schlather
Attorney for Applicant(s)
Reg. No. 45,081

Date: 19 DEC 02
Schlumberger Technology Corporation
IP Dept., Well Stimulation
110 Schlumberger Drive, MD1
Sugar Land, Texas 77478
Ph: (281) 285-4524
Fax: (281) 285-8569

In Duplicate



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/039,019	12/31/2001	Xiaowei Weng	56.0622

CONFIRMATION NO. 7528

27452
SCHLUMBERGER TECHNOLOGY CORPORATION
IP DEPT., WELL STIMULATION
110 SCHLUMBERGER DRIVE, MD1
SUGAR LAND, TX 77478

FORMALITIES LETTER



OC000000007414966

Date Mailed: 02/04/2002

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

RECEIVED

DEC 30 2002

Filing Date Granted

OFFICE OF PETITIONS

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is missing.
A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 130.

*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 1 - ATTORNEY/APPLICANT COPY

12/27/2002 CNGUYEN 00000095 041579 10039019

02 FC:1051 130.00 CH



PATENTS
DOCKET NO.: 56.0622

I hereby certify that this correspondence
is being deposited with the United States
Postal Service as first class mail in an
envelope addressed to: Assistant Commissioner for
Patents, Washington,
D.C. 20231, on Dec. 19, 2002

Yvonne Loftin
(name of person making deposit)

(signature)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF:	§	DOCKET NO.: 56.0622
Xiaowei Weng	§	
SERIAL NO.: 10/039,019	§	
FILED: December 31, 2001	§	
TITLE: Method and Apparatus	§	
for Placement of Multiple	§	
Fractures in Open Hole Wells	§	

LETTER TO THE OFFICIAL DRAFTSMAN

Assistant Commissioner for Patents
Drawing Review Branch
Washington, D.C. 20231

Sir:

Enclosed for filing are five (5) sheets of formal drawings
for the captioned application. It is believed that no fee is
due for this submission, however, in the event there are any
charges related to the filing of these drawings, please charge
Deposit Account No. 04-1579(56.0622). A duplicate copy of this
document is enclosed for the convenience of the Office.

Respectfully submitted,

Stephen Schlather
Reg. No.: 45,081
Attorney for Applicants

Date: 19 DEC 02

Schlumberger Technology Corporation
110 Schlumberger Drive, MD-1
Sugar Land, Texas 77478
Ph: (281) 285-4524
Fax: (281) 285-8569